

# 3M™ Dyneon™ PTFE Compound TF 7921

Polytetrafluoroethylene

3M Advanced Materials Division

## Message:

Features  
PTFE Compound with 1 % white pigment  
Low flow compound

General Information			
Additive	Pigment (1%)		
Features	Low Flow		
Processing Method	Compression Molding		
	Sintering		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.18	g/cm <sup>3</sup>	ASTM D4745-06
Apparent Density	0.40	g/cm <sup>3</sup>	ASTM D4894-07
Molding Shrinkage - Flow	2.6	%	ASTM D4894-07

Hardness	Nominal Value	Unit	Test Method
Shore Hardness <sup>1</sup> (Shore D)	64		DIN 53505

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	31.0	MPa	ASTM D4745-06
Tensile Elongation <sup>3</sup> (Break)	320	%	ASTM D4745-06

Additional Information	Nominal Value	Unit
Compression Molding Molding Pressure	35.0	MPa
Compression Molding Temperature	23 to 26	°C
Sintering Temperature	< 365	°C

NOTE	
1.	Measured on sintered moldings
2.	Measured on sintered moldings
3.	Measured on sintered moldings

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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